

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

Date March 14, 2011 EPA Reg. No./File 6836-274 Page 1 of 4 Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401

Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through	Product Identity and Composition, Description of the	00137709	Glyco, Inc. (Co. #38906)	OWN	
830.1670/61-3	Materials Used to Produce the Product,	00165354	Glyco, Inc. (Co. #38906)	OWN	
	Description of the Manufacturing Process and	41088901	LONZA, Inc.	OWN	
	Discussion of Formation of Impurities	42888901	LONZA, Inc.	OWN	
		43695401	LONZA, Inc.	OWN	
		44801903	LONZA, Inc.	OWN	
830.1700/62-1 through	Preliminary Analysis, Certified Limits and	00145360	Glyco, Inc. (Co. #38906)	OWN	
830.1800/62-3	Enforcement Analytical Method	00165354	Glyco, Inc. (Co. #38906)	OWN	
		41952701	LONZA, Inc.	OWN	
		42888901	LONZA, Inc.	OWN	
		43315901	LONZA, Inc.	OWN	
		43695401	LONZA, Inc.	OWN	
		48272101	LONZA, Inc.	OWN	
		48272102	LONZA, Inc.	OWN	
830.6302/63-2	Color	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.6303/63-3	Physical State	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
	1	41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.6304/63-4	Odor	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.7200/63-5	Melting Point	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.7220/63-6	Boiling Point				N/A: Footnote 2

Signature	Name and Title:	Date
Spanna Holcombe	Joanna Holcombe, Sr. Commercial Regulatory	March 14, 2011
	Services Associate	



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		DATA MATRI	X		
Date March 14, 2011			EPA Reg. No./File 6836-274		Page 2 of 4
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401		Product Dantobrom TBS-5B			
Ingredient(s): (a) 1-bromo-3	chloro-5,5-dimethylhydantoin; (b) 1,3-dich	nloro-5,5-dimethyll	nydantoin; and, (c) 1,3-dichloro-5	-ethyl-5-methylhy	dantoin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7300/63-7	Density/Relative Density/Bulk Density	00165354 41088901 41458801 41952702 43695402	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7840/63-8	Solubility (Column elution/shake flask)	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7950/63-9	Vapor Pressure	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7370/63-10	Dissociation Constant	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7550/7560/7570/63-11	Partition Coefficient	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7000/63-12	рН	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6313/63-13	Stability	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.6314/63-14	Oxidation/Reduction: Chemical Compatibility	00165354 41088901	Glyco, Inc. (Co. #38906) LONZA, Inc.	OLD OWN	Footnote 1
Signature Sanna Holce	mbe		Name and Title: Joanna Holcombe, Sr. Commerci Services Associate	al Regulatory	Date March 14, 2011



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Date March 14, 2011 EPA Reg. No./File 6836-274 Page 3 of 4 Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401 Product Dantobrom TBS-5B

Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		41458801 41952702	LONZA, Inc. LONZA, Inc.	OWN	
830.6315/63-15	Flammability	770			N/A: Footnote 3
830.6316/63-16	Explodability				N/A: Footnote 4
830.6317/63-17	Storage Stability	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7100/63-18	Viscosity		===		N/A: Footnote 5
830.6319/63-19	Miscibility				N/A: Footnote 6
830.6320/63-20	Corrosion Characteristics	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6321/63-21	Dielectric Breakdown Voltage				N/A: Footnote 7
870.1100/81-1	Acute Oral Toxicity	00161227 00161229 00158022 00158023 00158027	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN	
870.1200/81-2	Acute Dermal Toxicity	00158020 00158021 00158028	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.1300/81-3	Acute Inhalation Toxicity	00158024 00158029	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN	
870.2400/81-4	Primary Eye Irritation	00165636 00158018 00158025	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2500/81-5	Primary Dermal Irritation	00161228 00158019	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	

Signature	Name and Title:	Date
Spane Holcombe	Joanna Holcombe, Sr. Commercial Regulatory	March 14, 2011
0	Services Associate	



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		DATA MATRI	X		
Date March 14, 2011			EPA Reg. No./File 6836-274		Page 4 of 4
Applicant's/Registrant's Name Lonza Inc. 90 Boroline Road Allendale, NJ 07401	& Address:		Product Dantobrom TBS-5B		
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-d	dichloro-5,5-dimethyll	ydantoin; and, (c) 1,3-dichloro-5	-ethyl-5-methylhyd	antoin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		00158026	Glyco, Inc. (Co. #38906)	OWN	
870.2600/81-6	Skin Sensitization	00084178 00128160 00161228	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
810.1000/91-7(b)	Product Performance Enterococcus faecalis, ATCC 11700 Salmonella enterica, ATCC 10708 Staphylococcus aureus, ATCC 6538 Escherichia coli, ATCC 11229	44801904	LONZA, Inc.	OWN	
810.1000/91-7(b)	Product Performance Staphylococcus aureus, ATCC 6538 Escherichia coli, ATCC 11229	44801905	LONZA, Inc.	OWN	

FOOTNOTES:

- 1 The subject product is identical in composition to Dantobrom (EPA Reg. No. 6836-117) and Dantobrom TBS (EPA Reg. No. 6836-255). Therefore, the physical and chemical characteristics data on file for these two registered products is being used to support the registration of the subject product.
- ? These data are not required under 40 CFR §158.190 because the subject end-use product is a solid at room temperature. These data are not required under 40 CFR §158.190 because the subject end-use product does not contain any combustible liquids.
- These data are not required under 40 CFR §158.190 because the subject end-use product is <u>not</u> explosive nor does it contain any potentially explosive components.
- 5 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid.
- These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is <u>not</u> an emulsifiable liquid intended to be diluted with petroleum solvents.
- These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is <u>not</u> a liquid intended to be used around electrical equipment.
- These data are not required for end-use products under 40 CFR §158.190. Data for the TGAI and PAI should already be on file with the Agency for the active ingredients in question.

Signature	Name and Title:	Date
Spanna Holcombe	Joanna Holcombe, Sr. Commercial Regulatory	March 14, 2011
	Services Associate	



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Do not send the form to this address. **DATA MATRIX** Page 1 of 4 Date March 14, 2011 EPA Reg. No./File **6836-274** Applicant's/Registrant's Name & Address: Product Lonza Inc. **Dantobrom TBS-5B** 90 Boroline Road Allendale, NJ 07401 Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin Guideline Reference Number Guideline Study Name MRID Number Submitter Status Note OWN Glyco, Inc. (Co. #38906) OWN Glyco, Inc. (Co. #38906)

	(Ciyco, Inc. (Co. #38900)	OVVIN	
	LONZA, Inc.	OWN	
	Glyco, Inc. (Co. #38906)	OWN	
	Glyco, Inc. (Co. #38906)	OWN	
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	Glyco, Inc. (Co. #38906)	OLD	
	LONZA, Inc.	OWN	
	LONZA, Inc.	OWN	
	LONZA, Inc.	OWN	
			
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	Name and Title:	Date
Spanna Holcombe	Joanna Holcombe, Sr. Commercial Regulatory	March 14, 2011
Contract of the contract of th	Services Associate	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W.

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WASHINGTON, D.C. 20460

		DATA MATRI	X		
Date March 14, 2011			EPA Reg. No./File 6836-274		Page 2 of 4
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401		Product Dantobrom TBS-5B			
	chloro-5,5-dimethylhydantoin; (b)	1,3-dichloro-5,5-dimethylh	ydantoin; and, (c) 1,3-dichloro-5-	ethyl-5-methylhyda	ıntoin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN	
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	
			Glyco, Inc. (Co. #38906) LONZA, Inc.	OLD OWN	
Signature Spanna Holcon	nbe		Name and Title: Joanna Holcombe, Sr. Commercia Services Associate	l Regulatory	Date March 14, 2011



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Do not send the form to this addre	ess.					
		DATA MATR	IX			
Date March 14, 2011			EPA Reg. No./File 6836-274		Page 3 of 4	
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road \Ilendale, NJ 07401			Product Dantobrom TBS-5B			
ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b	1,3-dichloro-5,5-dimethyl	hydantoin; and, (c) 1,3-dichloro-5-	ethyl-5-methylhyd	antoin	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
			LONZA, Inc. LONZA, Inc.	OWN OWN		
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN		
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN		
			Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN OWN OWN OWN OWN		
			Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN OWN		
Signature Signature Signature	mbi		Name and Title: Joanna Holcombe, Sr. Commercia Services Associate	I Regulatory	Date March 14, 2011	



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		DATA MATRI	X		
Date March 14, 2011			EPA Reg. No./File 6836-274		Page 4 of 4
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401		Product Dantobrom TBS-5B			
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dic	hloro-5,5-dimethylh	ydantoin; and, (c) 1,3-dichloro-5-	ethyl-5-methylhydan	toin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Glyco, Inc. (Co. #38906)	OWN	
			Glyco, Inc. (Co. #38906)	OWN	
			Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN	
			LONZA, Inc.	OWN	
			LONZA, Inc.	OWN	

FOOTNOTES:

_			
Signature		Name and Title:	Date
	anna Holcombe	Joanna Holcombe, Sr. Commercial Regulatory	March 14, 2011
0.		Services Associate	



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Do not send the form to this addr					·
		DATA MATRIX			
Oate October 22, 2010			EPA Reg. No./File 6836-274		Page 1 of 4
Applicant's/Registrant's Name	& Address:		Product		
Lonza Inc.			Dantobrom TBS-5b		
90 Boroline Road					
Allendale, NJ 07401					
ngredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dichl	oro-5,5-dimethylhyd	dantoin; and, (c) 1,3-dichloro-5-e	ethyl-5-methylhydan	toin
eline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through	Product Identity and Composition, Description of the	00137709	Glyco, Inc. (Co. #38906)	OWN	
830.1670/61-3	Materials Used to Produce the Product,	00165354	Glyco, Inc. (Co. #38906)	OWN	
	Description of the Manufacturing Process and	41088901	LONZA, Inc.	OWN	
	Discussion of Formation of Impurities	42888901	LONZA, Inc.	OWN	
		43695401	LONZA, Inc.	OWN	
		44801903	LONZA, Inc.	OWN	
830.1700/62-1 through	Preliminary Analysis, Certified Limits and	00145360	Glyco, Inc. (Co. #38906)	OWN	
830.1800/62-3	Enforcement Analytical Method	00165354	Glyco, Inc. (Co. #38906)	OWN	
		41952701	LONZA, Inc.	OWN	
		42888901	LONZA, Inc.	OWN	
		43315901	LONZA, Inc.	OWN	
		43695401	LONZA, Inc.	OWN	
	·	Not yet assigned	LONZA, Inc.	OWN	[
		Not yet assigned	LONZA, Inc.	OWN	
830.6302/63-2	Color	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	

Signature	Name and Title:	Date 22 2242
Ken Marin	Kari Mavian, Director, Regulatory Services	October 22, 2010

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41952702 00165354

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Glyco, Inc. (Co. #38906)

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LONZA, Inc.

LONZA, Inc.

LONZA, Inc.

Physical State

Melting Point

Odor

830.6303/63-3

830.6304/63-4

830.7200/63-5

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Footnote 1

Footnote 1

Footnote 1



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DATA MATRIX							
Date			EPA Reg. No./File 6836-27	74	Page 2 of 4		
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401			Product Dantobrom TBS-5b				
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylh	ydantoin; and, (c) 1,3-dichl	oro-5-ethyl-5-methylhyd	dantoin		
Guideline Peference Number	Guideline Study Neme	MPID Number	Submitter	Status	Note		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7220/63-6	Boiling Point				N/A: Footnote 2
830.7300/63-7	Density/Relative Density/Bulk Density	00165354 41088901 41458801 41952702 43695402	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7840/63-8	Solubility (Column elution/shake flask)	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7950/63-9	Vapor Pressure	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7370/63-10	Dissociation Constant	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
820 7550/7560/7570/63-11	Partition Coefficient	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7000/63-12	pH	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6313/63-13	Stability	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8

Signature	Name and Title: Kari Mavian, Director, Regulatory Services	Date October 22, 2010
Kon Marin		



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		DATA MATRI	X		
Date			EPA Reg. No./File 6836-274		Page 3 of 4
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road		Product Dantobrom TBS-5b			
Allendale, NJ 07401					
Incredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dich	loro-5,5-dimethylhy	ydantoin; and, (c) 1,3-dichloro-5-	ethyl-5-methylhydan	toin
Jine Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6314/63-14	Oxidation/Reduction: Chemical Compatibility	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6315/63-15	Flammability				N/A: Footnote 3
830.6316/63-16	Explodability				N/A: Footnote 4
830.6317/63-17	Storage Stability	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7100/63-18	Viscosity				N/A: Footnote 5
830.6319/63-19	Miscibility				N/A: Footnote 6
830.6320/63-20	Corrosion Characteristics	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6321/63-21	Dielectric Breakdown Voltage				N/A: Footnote 7
870.1100/81-1	Acute Oral Toxicity	00161227 00161229 00158022 00158023 00158027	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN	
870.1200/81-2	Acute Dermal Toxicity	00158020 00158021 00158028	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.1300/81-3	Acute Inhalation Toxicity	00158024 00158029	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	

Signature	Name and Title:	Date
Kan Marin	Kari Mavian, Director, Regulatory Services	October 22, 2010
//····/		



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DATA MATRIX

		DATA MATRI	X		
Date			EPA Reg. No./File 6836-274		Page 4 of 4
Applicant's/Registrant's Name & Address:			Product		
Lonza Inc. 90 Boroline Road Allendale, NJ 07401			Dantobrom TBS-5b		
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b)	1,3-dichloro-5,5-dimethylh	ydantoin; and, (c) 1,3-dichloro-5-	ethyl-5-methylhydan	toin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.2400/81-4	Primary Eye Irritation	00165636	Glyco, Inc. (Co. #38906)	OWN	
		00158018 00158025	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	
870.2500/81-5	Primary Dermal Irritation	00161228 00158019	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN	
870.2600/81-6	Skin Sensitization	00158026 00084178	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	
		00128160 00161228	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	
91-7(b)	Product Performance	44801904 44801905	LONZA, Inc. LONZA, Inc.	OWN OWN	

FOOTNOTES:

- 1 The subject product is identical in composition to Dantobrom (EPA Reg. No. 6836-117) and Dantobrom TBS (EPA Reg. No. 6836-255). Therefore, the physical and chemical characteristics data on file for these two registered products is being used to support the registration of the subject product.
- 2 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid at room temperature.
- 3 ese data are not required under 40 CFR §158.190 because the subject end-use product does not contain any combustible liquids.
- 4 nese data are not required under 40 CFR §158.190 because the subject end-use product is <u>not</u> explosive nor does it contain any potentially explosive components.
- 5 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid.
- These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is <u>not</u> an emulsifiable liquid intended to be diluted with petroleum solvents.
- These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is <u>not</u> a liquid intended to be used around electrical equipment.
- 8 These data are not required for end-use products under 40 CFR §158.190. Data for the TGAI and PAI should already be on file with the Agency for the active ingredients in question.

Signature	Name and Title: Kari Mavian, Director, Regulatory Services	Date October 22, 2010
Agu Muin	rail mattail, Director, regulatory certifices	



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Agency Internal Use Conv

		DATA MATR	IX		
Date			EPA Reg. No./File 6836-274		Page 1 of 2
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401			Product Dantobrom TBS-5b		
	chloro-5,5-dimethylhydantoin; (b) 1,3-dichlo	oro-5,5-dimethylh	ydantoin; and, (c) 1,3-dichloro	-5-ethyl-5-methylhy	dantoin
eline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through 830.1670/61-3	Product Identity and Composition, Description of the Materials Used to Produce the Product, Description of the Manufacturing Process and Discussion of Formation of Impurities				
830.1700/62-1 through 830.1800/62-3	Preliminary Analysis, Certified Limits and Enforcement Analytical Method				
830.6302/63-2	Color				
830.6303/63-3	Physical State				
830.6304/63-4	Odor				
830.7200/63-5	Melting Point				
830.7220/63-6	Boiling Point				
830.7300/63-7	Density/Relative Density/Bulk Density				
830.7840/63-8	Solubility (Column elution/shake flask)				
830.7950/63-9	Vapor Pressure				
830.7370/63-10	Dissociation Constant				
.7550/7560/7570/63-11	Partition Coefficient				
830.7000/63-12	pH				
830.6313/63-13	Stability				
830.6314/63-14	Oxidation/Reduction: Chemical Compatibility				
830.6315/63-15	Flammability				
830.6316/63-16	Explodability				
830.6317/63-17	Storage Stability				
830.7100/63-18	Viscosity				
830.6319/63-19	Miscibility				
830.6320/63-20	Corrosion Characteristics				
830.6321/63-21	Dielectric Breakdown Voltage				
Signature	/		Name and Title: Kari Mavian, Director, Regula	tory Services	Date October 22, 2010



Form Approved OMB No. 2070-0060

		DATA MATR	IX		
Date October 22, 2010			EPA Reg. No./File 6836	5-274	Page 2 of 2
Applicant's/Registrant's Name Lonza Inc. 90 Boroline Road Allendale, NJ 07401	& Address:		Product Dantobrom TBS-5b		
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b)	1,3-dichloro-5,5-dimethylh	ydantoin; and, (c) 1,3-di	chloro-5-ethyl-5-methylhy	dantoin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1100/81-1	Acute Oral Toxicity				
870.1200/81-2	Acute Dermal Toxicity				
870.1300/81-3	Acute Inhalation Toxicity				
870.2400/81-4	Primary Eye Irritation				
870.2500/81-5	Primary Dermal Irritation				
870.2600/81-6	Skin Sensitization				
91-7(b)	Product Performance				

Signature	Name and Title: Kari Mavian, Director, Regulatory Services	Date October 22, 2010
Har Marin		



FPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Agency Internal Use Copy

	DATA MATRIX	Generic		
Date October 22, 2010		EPA Reg. No./File 6836-117		Page 1 of 4
Applicant's/Registrant's Name & Address:		Product	· · · · · · · · · · · · · · · · · · ·	
Lonza Inc.		Dantobrom		
90 Boroline Road		Dantobioni		
Allendale, NJ 07401				
Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dicl	hloro-5,5-dimethylhyd	lantoin; and, (c) 1,3-dichloro-5-e	thyl-5-methylhydant	oin
ne Reference Number Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through Product Identity and Composition, Description of the		Glyco, Inc. (Co. #38906)	OWN	
830.1670/61-3 Materials Used to Produce the Product,	00165354	Glyco, Inc. (Co. #38906)	OWN	
Description of the Manufacturing Process and	41088901	LONZA, Inc.	OWN	
Discussion of Formation of Impurities	42888901	LONZA, Inc.	OWN	
	43695401	LONZA, Inc.	OWN	
830.1700/62-1 through Preliminary Analysis, Certified Limits and	00145360	Glyco, Inc. (Co. #38906)	OWN	
830.1800/62-3 Enforcement Analytical Method	00165354	Glyco, Inc. (Co. #38906)	OWN	
	41952701	LONZA, Inc.	OWN	
	42888901	LONZA, Inc.	OWN	
	43315901	LONZA, Inc.	OWN	
	43695401	LONZA, Inc.	OWN	İ
	Not yet assigned	LONZA, Inc.	OWN	
	Not yet assigned	LONZA, Inc.	OWN	
830.1750/62-2 through Physical and Chemical Properties	00165354	Glyco, Inc. (Co. #38906)	OWN	
830.7950	41088901	LONZA, Inc.	OWN	
	41458801	LONZA, Inc.	OWN	
	41952702 43695402	LONZA, Inc.	OWN	
OTT CASCATA	42865601	LONZA, Inc.	OWN	
850.2100/ 71-1 Acute Avian Oral Toxicity: Bobwhite Quail or	00145353	LONZA, Inc.	OWN	
Mallard Duck	00145354	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	
	00145354	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN	
850.2200/ 71-2 Avian Subacute Dietary Toxicity: Bobwhite Qu		LONZA, Inc.	OWN	
850.2200/ 71-2 Avian Subacute Dietary Toxicity: Mallard Duc		LONZA, Inc.	OWN	
850.1075/ 72-1 Freshwater Fish Toxicity: Bluegill Sunfish	00145356	Glyco, Inc. (Co. #38906)	OWN	
850.1075/ 72-1 Freshwater Fish Toxicity: Rainbow Trout	00145358	Glyco, Inc. (Co. #38906)	OWN	
850.1010/ 72-2 Acute Toxicity to Freshwater Invertebrates	00145357	Glyco, Inc. (Co. #38906)	OWN	
		_ 		
850.1075/ 72-3 Acute Toxicity- Estuarine/Marine Organisms	40993103 40993101	LONZA, Inc.	OWN	
	;	LONZA, Inc.	OWN	
	40993102	LONZA, Inc.	OWN	
Signature		Name and Title:		Date
Kin Marin		Kari Mavian, Director, Regulator	y Services	October 22, 2010



		DATA MATRI	X		
oate October 22, 2010			EPA Reg. No./File 6836-117		Page 2 of 4
Applicant's/Registrant's Name 8 Lonza Inc. 90 Boroline Road Allendale, NJ 07401	& Address:		Product Dantobrom		
ngredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dichl	oro-5,5-dimethylh	ydantoin; and, (c) 1,3-dichloro-5-	ethyl-5-methylhydan	toin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1400/ 72-4	Fish Early Life-Stage Toxicity	42721701 42721702	LONZA, Inc. LONZA, Inc.	OWN OWN	
850.1300/ 72-4	Aquatic Invertebrate Life Cycle	42721701 42721702	LONZA, Inc. LONZA, Inc.	OWN OWN	
870.1100/81-1	Acute Oral Toxicity	00161227 00161229 00158022 00158023 00158027	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN	
870.1200/81-2	Acute Dermal Toxicity	00158020 00158021 00158028	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.1300/81-3	Acute Inhalation Toxicity	00158024 00158029	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	
870.2400/81-4	Primary Eye Irritation	00165636 00158018 00158025	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2500/81-5	Primary Dermal Irritation	00161228 00158019 00158026	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2600/81-6	Skin Sensitization	00084178 00128160 00161228	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.3100/82-1	Subchronic Rodent Oral Toxicity, 90-Day	42009201	LONZA, Inc.	OWN	
870.3150/82-1	Subchronic Nonrodent Oral Toxicity, 90-Day	44111901	LONZA, Inc.	OWN	
870.3250/ 82-3	Subchronic Dermal Toxicity, 90 Days	43173901 43688402	LONZA, Inc. LONZA, Inc.	OWN OWN	

ļ	Signature	Name and Title:	Date
ĺ		Kari Mavian, Director, Regulatory Services	October 22, 2010
	Agree Manager		
	-		



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DATA MATRIX

Date	October 22, 2010			EPA Reg. No./File 6836-117		Page 3 of 4
Lonz 90 B Allei	cant's/Registrant's Name 8 za Inc. oroline Road ndale, NJ 07401			Product Dantobrom		
		chloro-5,5-dimethylhydantoin; (b) 1,3-did	MRID Number	/dantoin; and, (c) 1,3-dichloro-5-e	ethyl-5-methylhydan Status	
G'	ne Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	870.4100/83-1	Chronic Feeding Toxicity	43397702 43553101 43688403 43972101 44111902 44299101	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN	
	870. 4200/83-2	Oncogenicity	43397701 43397702 43688403 43688405	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN	
	870.3700/83-3	Teratogenicity/ Developmental Toxicity	42205401 42432701 43688401 43688406	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN	
	870.3800/83-4	Reproduction and Fertility Effects	43290601 43688404 44243001	LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN	
L	5100 - 870.5915/84-2	Genetic Toxicity	00137711	Glyco, Inc. (Co. #38906)	OWN	
	870.7485/85-1	Metabolism and Pharmokinetics	42123801 42123802 42173901 42173902 43020401 43020402	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN	

Signature	Name and Title:	Date
	Kari Mavian, Director, Regulatory Services	October 22, 2010
Francisco		



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		DATA MATRIX	-Generic		
Date October 22, 2010			EPA Reg. No./File 6836-117		Page 1 of 2
Applicant's/Registrant's Name & Lonza Inc. 90 Boroline Road Allendale, NJ 07401	Address:		Product Dantobrom		
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dichlo	oro-5,5-dimethylhyd	antoin; and, (c) 1,3-dichloro-5-	ethyl-5-methylhydanto	oin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
² 0.1550/61-1 through 830.1670/61-3	Product Identity and Composition, Description of the Materials Used to Produce the Product, Description of the Manufacturing Process and Discussion of Formation of Impurities				
830.1700/62-1 through 830.1800/62-3	Preliminary Analysis, Certified Limits and Enforcement Analytical Method				
830.1750/62-2 through 830.7950	Physical and Chemical Properties				
850.2100/ 71-1	Acute Avian Oral Toxicity: Bobwhite Quail or Mallard Duck				
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Bobwhite Quail				
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Mallard Duck				
850.1075/ 72-1	Freshwater Fish Toxicity: Bluegill Sunfish				
850.1075/ 72-1	Freshwater Fish Toxicity: Rainbow Trout				
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates				
850.1075/ 72-3	Acute Toxicity- Estuarine/Marine Organisms				
850.1400/ 72-4	Fish Early Life-Stage Toxicity				
850.1300/ 72-4	Aquatic Invertebrate Life Cycle				
870.1100/81-1	Acute Oral Toxicity				
870.1200/81-2	Acute Dermal Toxicity				
870.1300/81-3	Acute Inhalation Toxicity				
870.2400/81-4	Primary Eye Irritation				
870.2500/81-5	Primary Dermal Irritation				
870.2600/81-6	Skin Sensitization				
870.3100/82-1	Subchronic Rodent Oral Toxicity, 90-Day				
870.3150/82-1	Subchronic Nonrodent Oral Toxicity, 90-Day				
Signature			Name and Title:		Date

October 22, 2010

Kari Mavian, Director, Regulatory Services



Form Approved OMB No. 2070-0060

		DATA MATRIX			
Date October 22, 2010			EPA Reg. No./File 6836-117		Page 2 of 2
Applicant's/Registrant's Name &	Address:		Product		-
Lonza Inc.			Dantobrom		
90 Boroline Road Allendale, NJ 07401					
Ingredient(s): (a) 1-bromo-3-c	chloro-5,5-dimethylhydantoin; (b) 1,3-dichl	oro-5,5-dimethylhyd	lantoin; and, (c) 1,3-dichloro-5-eth	nyl-5-methylhydantoin	1
line Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3250/ 82-3	Subchronic Dermal Toxicity, 90 Days				
870.4100/83-1	Chronic Feeding Toxicity				
870. 4200/83-2	Oncogenicity				
870.3700/83-3	Teratogenicity/ Developmental Toxicity				
870.3800/83-4	Reproduction and Fertility Effects				
870. 5100 - 870.5915/84-2	Genetic Toxicity				
870.7485/85-1	Metabolism and Pharmokinetics				
875.1200/133-3	Applicator Exposure				
835.2110 or 835.2120/161-1	Hydrolysis				
835.2240/161-2	Photodegradation in water				
162-3	Anaerobic Aquatic Metabolism				
162-4	Aerobic Aquatic Metabolism				
835.1230 or 835.1240/163-1	Leaching and Adsorption/Desorption				
850.1730165-4	Bioconcentration In Fish Organisms	<u></u>			
 Please note that Lonza. In: 	c. is currently an active member in good star	ndina with the Antimic	crobial Exposure Assessment Task	Force headed by the A	American

		
Signature	Name and Title:	Date
Kom Marin-	Kari Mavian, Director, Regulatory Services	October 22, 2010
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Please note that Lonza, Inc. is currently an active member in good standing with the Antimicrobial Exposure Assessment Task Force headed by the American Emical Council Biocides Panel, and, therefore, shares ownership of the data identified by these MRID numbers.



Form Approved OMB No. 2070-0060

		DATA MATRI)	(
Date October 22, 2010			EPA Reg. No./File 6836-117		Page 3 of 4
Applicant's/Registrant's Name & Lonza Inc. 90 Boroline Road Allendale, NJ 07401	Address:		Product Dantobrom		
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dio	chloro-5,5-dimethylhy	rdantoin; and, (c) 1,3-dichloro-5-e	thyl-5-methylhydan	toin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.4100/83-1	Chronic Feeding Toxicity	43397702 43553101 43688403 43972101 44111902 44299101	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN	
870. 4200/83-2	Oncogenicity	43397701 43397702 43688403 43688405	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN	
870.3700/83-3	Teratogenicity/ Developmental Toxicity	42205401 42432701 43688401 43688406	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN	
870.3800/83-4	Reproduction and Fertility Effects	43290601 43688404 44243001	LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN	
870. 5100 - 870.5915/84-2	Genetic Toxicity	00137711	Glyco, Inc. (Co. #38906)	OWN	
870.7485/85-1	Metabolism and Pharmokinetics	42123801 42123802 42173901 42173902 43020401 43020402	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN	

Signature	Name and Title: Kari Mavian, Director, Regulatory Services	Date October 22, 2010
Agen Marian		



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		DATA MATRIX	(
Date October 22, 2010			EPA Reg. No./File 6836-117		Page 4 of 4
Applicant's/Registrant's Name &	Address:		Product		
Lonza Inc. 90 Boroline Road Allendale, NJ 07401			Dantobrom		
Ingredient(s): (a) 1-bromo-3-0	chloro-5,5-dimethylhydantoin; (b) 1,3	-dichloro-5,5-dimethylhy	rdantoin; and, (c) 1,3-dichloro-5-e	ethyl-5-methylhydan	toin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.1200/133-3	Applicator Exposure	41412200 41412201 41742600 41742601 42587500 42587501	ACC (#63394) ACC (#63394) ACC (#63394) ACC (#63394) ACC (#63394) ACC (#63394)	OWN* OWN* OWN* OWN* OWN*	
835.2110 or 835.2120/161-1	Hydrolysis	00137710 00158017 42466201	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) LONZA, Inc.	OWN OWN OWN	
835.2240/161-2	Photodegradation in water	42466202 00143052 00158017	LONZA, Inc. Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
162-3	Anaerobic Aquatic Metabolism	42895801 42895802	LONZA, Inc. LONZA, Inc.	OWN OWN	
162-4	Aerobic Aquatic Metabolism	42895803 42895804	LONZA, Inc. LONZA, Inc.	OWN OWN	

^{*} Please note that Lonza, Inc. is currently an active member in good standing with the Antimicrobial Exposure Assessment Task Force headed by the American Chemical Council Biocides Panel, and, therefore, shares ownership of the data identified by these MRID numbers.

42466203

42721703

LONZA, Inc.

LONZA, Inc.

Signature	Name and Title:	Date
	Kari Mavian, Director, Regulatory Services	October 22, 2010
Africa Marche		

835.1230 or 835.1240/163-1 | Leaching and Adsorption/Desorption

Bioconcentration In Fish Organisms

850.1730165-4

OWN

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Form Approved OMB No. 2070-0060

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		DATAMATR	1x - Generic		
Date October 22, 2010			EPA Reg. No./File 6836-117		Page 1 of 2
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401			Product Dantobrom		
	chloro-5,5-dimethylhydantoin; (b) 1,3-dichlo	oro-5,5-dimethylł	nydantoin; and, (c) 1,3-dichlor	o-5-ethyl-5-methylhyd	lantoin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through 830.1670/61-3	Product Identity and Composition, Description of the Materials Used to Produce the Product, Description of the Manufacturing Process and Discussion of Formation of Impurities				
830.1700/62-1 through 830.1800/62-3	Preliminary Analysis, Certified Limits and Enforcement Analytical Method	·			
830.1750/62-2 through 830.7950	Physical and Chemical Properties				
850.2100/ 71-1	Acute Avian Oral Toxicity: Bobwhite Quail or Mallard Duck				
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Bobwhite Quail				
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Mallard Duck				
850.1075/ 72-1	Freshwater Fish Toxicity: Bluegill Sunfish				
850.1075/ 72-1	Freshwater Fish Toxicity: Rainbow Trout				
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates				
850.1075/ 72-3	Acute Toxicity- Estuarine/Marine Organisms				
850.1400/ 72-4	Fish Early Life-Stage Toxicity				
850.1300/ 72-4	Aquatic Invertebrate Life Cycle				
870.1100/81-1	Acute Oral Toxicity				
870.1200/81-2	Acute Dermal Toxicity				
870.1300/81-3	Acute Inhalation Toxicity				
870.2400/81-4	Primary Eye Irritation				
870.2500/81-5	Primary Dermal Irritation				
870.2600/81-6	Skin Sensitization				
870.3100/82-1	Subchronic Rodent Oral Toxicity, 90-Day				
870.3150/82-1	Subchronic Nonrodent Oral Toxicity, 90-Day				
070.3130/02-1	Gubernonic Normoderit Oral Toxicity, 50-Day				

Name and Title:

Kari Mavian, Director, Regulatory Services

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Date

October 22, 2010



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		DATA MATRI	X		
Date October 22, 2010			EPA Reg. No./File 6836-	117	Page 2 of 2
Applicant's/Registrant's Name &	Address:		Product		<u> </u>
Lonza Inc.			Dantobrom		
90 Boroline Road Allendale, NJ 07401					
Ingredient(s): (a) 1-bromo-3-c	chloro-5,5-dimethylhydantoin; (b) 1,3-dic	chloro-5,5-dimethylh	ydantoin; and, (c) 1,3-dic	hloro-5-ethyl-5-methylhyd	antoin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3250/ 82-3	Subchronic Dermal Toxicity, 90 Days				
870.4100/83-1	Chronic Feeding Toxicity				
870. 4200/83-2	Oncogenicity				
870.3700/83-3	Teratogenicity/ Developmental Toxicity				
870.3800/83-4	Reproduction and Fertility Effects				
870. 5100 - 870.5915/84-2	Genetic Toxicity				
870.7485/85-1	Metabolism and Pharmokinetics				
875.1200/133-3	Applicator Exposure				
835.2110 or 835.2120/161-1	Hydrolysis				
835.2240/161-2	Photodegradation in water				
162-3	Anaerobic Aquatic Metabolism				
162-4	Aerobic Aquatic Metabolism				
835.1230 or 835.1240/163-1	Leaching and Adsorption/Desorption				
850.1730165-4	Bioconcentration In Fish Organisms				
 Please note that Lonza In 	 c. is currently an active member in good s 	tanding with the Antir	nicrobial Exposure Assess	ment Task Force headed b	y the American

Signature	Name and Title: Kari Mavian, Director, Regulatory Services	Date October 22, 2010
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^{*} Please note that Lonza, Inc. is currently an active member in good standing with the Antimicrobial Exposure Assessment Task Force headed by the American Chemical Council Biocides Panel, and, therefore, shares ownership of the data identified by these MRID numbers.



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DATA MATRIX				
Date October 22, 2010	EPA Reg. No./File 6836-274	Page 1 of 4		
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401	Product Dantobrom TBS-5b			

Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through	Product Identity and Composition, Description of the	00137709	Glyco, Inc. (Co. #38906)	OWN	
830.1670/61-3	Materials Used to Produce the Product,	00165354	Glyco, Inc. (Co. #38906)	OWN	
	Description of the Manufacturing Process and	41088901	LONZA, Inc.	OWN	
	Discussion of Formation of Impurities	42888901	LONZA, Inc.	OWN	
		43695401	LONZA, Inc.	OWN	
		44801903	LONZA, Inc.	OWN	
830.1700/62-1 through	Preliminary Analysis, Certified Limits and	00145360	Glyco, Inc. (Co. #38906)	OWN	
830.1800/62-3	Enforcement Analytical Method	00165354	Glyco, Inc. (Co. #38906)	OWN	
		41952701	LONZA, Inc.	OWN	
		42888901	LONZA, Inc.	OWN	
		43315901	LONZA, Inc.	OWN	
		43695401	LONZA, Inc.	OWN	
		Not yet assigned	LONZA, Inc.	OWN	
		Not yet assigned	LONZA, Inc.	OWN	
830.6302/63-2	Color	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.6303/63-3	Physical State	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
	,	41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	\
830.6304/63-4	Odor	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.7200/63-5	Melting Point	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
222 223,000		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	

9		Date
Kan I	ri Mavian, Director, Regulatory Services	October 22, 2010



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DATA MATRIX				
Date October 22, 2010	EPA Reg. No./File 6836-274	Page 2 of 4		
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, N.I. 07401	Product Dantobrom TBS-5b			

Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7220/63-6	Boiling Point				N/A: Footnote
830.7300/63-7	Density/Relative Density/Bulk Density	00165354 41088901 41458801 41952702 43695402	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7840/63-8	Solubility (Column elution/shake flask)	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7950/63-9	Vapor Pressure	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7370/63-10	Dissociation Constant	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7550/7560/7570/63-11	Partition Coefficient	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7000/63-12	рН	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6313/63-13	Stability	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8

Signature	Name and Title: Kari Mavian, Director, Regulatory Services	Date October 22, 2010
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		DATA MATRI	X		
Date			EPA Reg. No./File 6836-274		Page 3 of 4
Applicant's/Registrant's Name (Lonza Inc. 90 Boroline Road Allendale, NJ 07401	& Address:		Product Dantobrom TBS-5b		
Ingredient(s): (a) 1-bromo-3-	-chloro-5,5-dimethylhydantoin; (b) 1,3-dich	loro-5,5-dimethylh	ydantoin; and, (c) 1,3-dichloro-5-	ethyl-5-methylhydar	ntoin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6314/63-14	Oxidation/Reduction: Chemical Compatibility	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6315/63-15	Flammability				N/A: Footnote 3
830.6316/63-16	Explodability				N/A: Footnote 4
830.6317/63-17	Storage Stability	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7100/63-18	Viscosity				N/A: Footnote 5
830.6319/63-19	Miscibility				N/A: Footnote 6
830.6320/63-20	Corrosion Characteristics	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6321/63-21	Dielectric Breakdown Voltage				N/A: Footnote 7
870.1100/81-1	Acute Oral Toxicity	00161227 00161229 00158022 00158023 00158027	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN	
870.1200/81-2	Acute Dermal Toxicity	00158020 00158021 00158028	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.1300/81-3	Acute Inhalation Toxicity	00158024 00158029	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	

Signature	Name and Title:	Date
	Kari Mavian, Director, Regulatory Services	October 22, 2010
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		DATA MATRI	X		
Date October 22, 2010			EPA Reg. No./File 6836-274		Page 4 of 4
Applicant's/Registrant's Name (Lonza Inc. 90 Boroline Road Allendale, NJ 07401	& Address:		Product Dantobrom TBS-5b		
	-chloro-5,5-dimethylhydantoin; (b) 1	,3-dichloro-5,5-dimethylh	ydantoin; and, (c) 1,3-dichloro-5-	ethyl-5-methylhydan	ntoin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
270 2 (20/04 4		00405020	Ohres Inc. (On #20000)	014/11	
870.2400/81-4	Primary Eye Irritation	00165636 00158018 00158025	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2500/81-5	Primary Dermal Irritation	00161228 00158019 00158026	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2600/81-6	Skin Sensitization	00084178 00128160 00161228	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
91-7(b)	Product Performance	44801904 44801905	LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN	

FOOTNOTES:

- 1 The subject product is identical in composition to Dantobrom (EPA Reg. No. 6836-117) and Dantobrom TBS (EPA Reg. No. 6836-255). Therefore, the physical and chemical characteristics data on file for these two registered products is being used to support the registration of the subject product.
- 2 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid at room temperature.
- 3 These data are not required under 40 CFR §158.190 because the subject end-use product does not contain any combustible liquids.
- These data are not required under 40 CFR §158.190 because the subject end-use product is <u>not</u> explosive nor does it contain any potentially explosive components.
- 5 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid.
- These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is <u>not</u> an emulsifiable liquid intended to be diluted with petroleum solvents.
- These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is <u>not</u> a liquid intended to be used around electrical equipment.
- These data are not required for end-use products under 40 CFR §158.190. Data for the TGAI and PAI should already be on file with the Agency for the active ingredients in question.

Signature	Name and Title:	Date
1 die	Kari Mavian, Director, Regulatory Services	October 22, 2010
Kan Maria		



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

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		DATA MATR	IX			
Date			EPA Reg. No./File 6836-27	4	Page 1 of 2	
Applicant's/Registrant's Name &	Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road		Product	Product		
1			Dantobrom TBS-5b			
Allendale, NJ 07401	·					
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dichl	oro-5,5-dimethylh	nydantoin; and, (c) 1,3-dichlo	oro-5-ethyl-5-methylhyd	dantoin	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
830.1550/61-1 through	Product Identity and Composition, Description of the					
830.1670/61-3	Materials Used to Produce the Product, Description of the Manufacturing Process and					
	Discussion of Formation of Impurities					
830.1700/62-1 through	Preliminary Analysis, Certified Limits and					
830.1800/62-3	Enforcement Analytical Method					
830.6302/63-2	Color					
830.6303/63-3	Physical State					
830.6304/63-4	Odor					
830.7200/63-5	Melting Point					
830.7220/63-6	Boiling Point					
830.7300/63-7	Density/Relative Density/Bulk Density					
830.7840/63-8	Solubility (Column elution/shake flask)					
830.7950/63-9	Vapor Pressure					
830.7370/63-10	Dissociation Constant					
830.7550/7560/7570/63-11	Partition Coefficient					
830.7000/63-12	рН					
830.6313/63-13	Stability					
830.6314/63-14	Oxidation/Reduction: Chemical Compatibility					
830.6315/63-15	Flammability					
830.6316/63-16	Explodability					
830.6317/63-17	Storage Stability					
830.7100/63-18	Viscosity					
830.6319/63-19	Miscibility					
830.6320/63-20	Corrosion Characteristics					
830.6321/63-21	Dielectric Breakdown Voltage					
Signature Kan Ma	la company of the com		Name and Title: Kari Mavian, Director, Reg	ulatory Services	Date October 22, 2010	



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DATA MATRIX								
Date October 22, 2010			EPA Reg. No./File 6836	-274	Page 2 of 2			
Applicant's/Registrant's Name Lonza Inc. 90 Boroline Road Allendale, NJ 07401	& Address:		Product Dantobrom TBS-5b					
Ingredient(s): (a) 1-bromo-3	-chloro-5,5-dimethylhydantoin; (b)	1,3-dichloro-5,5-dimethylh	ydantoin; and, (c) 1,3-dio	hloro-5-ethyl-5-methylhy	dantoin			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note			
870.1100/81-1	Acute Oral Toxicity							
870.1200/81-2	Acute Dermal Toxicity							
870.1300/81-3	Acute Inhalation Toxicity							
870.2400/81-4	Primary Eye Irritation							
870.2500/81-5	Primary Dermal Irritation							
870.2600/81-6	Skin Sensitization							
91-7(b)	Product Performance							

Signature	Name and Title:	Date
	Kari Mavian, Director, Regulatory Services	October 22, 2010
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		DATA MATRIX	Cheric		
te October 22, 2010			EPA Reg. No./File 6836-117		Page 1 of 4
Applicant's/Registrant's Name & Address:			Product Dantobrom		
llendale, NJ 07401					
gredient(s): (a) 1-bromo-3	-chloro-5,5-dimethylhydantoin; (b) 1,3-dichlo	oro-5,5-dimethylhyd	antoin; and, (c) 1,3-dichloro-5-e	thyl-5-methylhydar	itoin
uideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through 830.1670/61-3	Product Identity and Composition, Description of the Materials Used to Produce the Product, Description of the Manufacturing Process and Discussion of Formation of Impurities	00137709 00165354 41088901 42888901 43695401	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN	
830.1700/62-1 through 830.1800/62-3	Preliminary Analysis, Certified Limits and Enforcement Analytical Method	00145360 00165354 41952701 42888901 43315901 43695401 Not yet assigned Not yet assigned	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) LONZA, Inc.	OWN OWN OWN OWN OWN OWN	
830.1750/62-2 through 830.7950	Physical and Chemical Properties	00165354 41088901 41458801 41952702 43695402	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN	
850.2100/ 71-1	Acute Avian Oral Toxicity: Bobwhite Quail or Mallard Duck	42865601 00145353 00145354 00145355	LONZA, Inc. Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN	
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Bobwhite Quail	42865602	LONZA, Inc.	OWN	
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Mallard Duck	42865603	LONZA, Inc.	OWN	
850.1075/ 72-1	Freshwater Fish Toxicity: Bluegill Sunfish	00145356	Glyco, Inc. (Co. #38906)	OWN	
850.1075/ 72-1	Freshwater Fish Toxicity: Rainbow Trout	00145358	Glyco, Inc. (Co. #38906)	OWN	
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates	00145357	Glyco, Inc. (Co. #38906)	OWN	
850.1075/ 72-3	Acute Toxicity- Estuarine/Marine Organisms	40993103 40993101 40993102	LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN	
Signature An Now	i.		Name and Title: Kari Mavian, Director, Regulatory	/ Services	Date October 22, 201



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DATA MATRIX						
Date October 22, 2010			EPA Reg. No./File 6836-117		Page 2 of 4	
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401			Product Dantobrom			
ngredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dichl	loro-5,5-dimethylhy	dantoin; and, (c) 1,3-dichloro-5-	ethyl-5-methylhydar	ntoin	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
850.1400/ 72-4	Fish Early Life-Stage Toxicity	42721701 42721702	LONZA, Inc. LONZA, Inc.	OWN OWN		
850.1300/ 72-4	Aquatic Invertebrate Life Cycle	42721701 42721702	LONZA, Inc. LONZA, Inc.	OWN		
870.1100/81-1	Acute Oral Toxicity	00161227 00161229 00158022 00158023 00158027	Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN		
870.1200/81-2	Acute Dermal Toxicity	00158020 00158021 00158028	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN		
870.1300/81-3	Acute Inhalation Toxicity	00158024 00158029	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN		
870.2400/81-4	Primary Eye Irritation	00165636 00158018 00158025	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN		
870.2500/81-5	Primary Dermal Irritation	00161228 00158019 00158026	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN		
870.2600/81-6	Skin Sensitization	00084178 00128160 00161228	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN		
870.3100/82-1	Subchronic Rodent Oral Toxicity, 90-Day	42009201	LONZA, Inc.	OWN		
870.3150/82-1	Subchronic Nonrodent Oral Toxicity, 90-Day	44111901	LONZA, Inc.	OWN		
870.3250/ 82-3	Subchronic Dermal Toxicity, 90 Days	43173901 43688402	LONZA, Inc. LONZA, Inc.	OWN OWN		

Signature	Name and Title:	Date
2 / .	Kari Mavian, Director, Regulatory Services	October 22, 2010
Agent May some		
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